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PTO-1082

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Attorney Docket No. 5371.31.US02

Box Patent Application

ASSISTANT COMMISSIONER FOR PATENTS
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of Patricia D. Murphy, Marga B. White, Mark B. Rabin; Sheri J. Olson; Matthew Yoshikawa; Geoffrey M. Jackson; Tara Eskandari; Brenda Schryer; and Michael Park for **NOVEL CODING SEQUENCE HAPLOTYPES OF THE HUMAN BRCA2 GENE.**

Also, enclosed are:

1. Cover Sheet of Application;
2. 13 sheets of drawings;
3. Executed Declaration (2 sets);
4. Executed Small Entity Statement;
5. Assignment Cover Sheet;
6. Executed Assignment (2 sets);
7. Sequence Listing on Disk; and
5. Two (2) return postcards.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	60-20 =	* 40
INDEP. CLAIMS	29 -3 =	* 26
■ MULTIPLE DEPENDENT CLAIM PRESENTED		

*If the difference in Col. 1 is less than zero, enter "0"
 in Col. 2

SMALL ENTITY	
RATE	FEE
	\$ 395.00
40 X 11 =	440.00
26 x 41 =	1,066.00
+ 135 =	135.00
TOTAL	\$2,036.00

OTHER THAN A SMALL ENTITY	
RATE	FEE
	\$ 790.00
X 22 =	
X 82 =	
+ 270 =	
TOTAL	

A check in the amount of **\$2,076.00** (\$2,036.00 filing fee + \$40.00 recording of Assignment) is enclosed.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038. A duplicate copy of this sheet is attached.

Date May 22, 1998

Albert P. Halluin
 Albert P. Halluin (Reg. No.25,227)

05004471.052298

05/22/98



Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (2/98)
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10664 U.S. PTO

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

For new nonprovisional applications under 37 CFR 1.53(h)

Attorney Docket No.	5371.31.US02
First Named Inventor or Application Identifier	Patricia D. Murphy
Title	Novel Coding Sequence Haplotypes of the Human BRCA2 Gene
Express Mail Label No.	EM555262526US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ *Fee Transmittal Form (Form PTO-1082)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 204]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 13]
4. ☐ Oath or Declaration [Total Pages 6]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named
in the prior application, see 37 CFR 1.63(d)(2) and
1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy
of the oath or declaration is supplied under Box 4b, is considered
as being part of the disclosure of the accompanying application
and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☒ Computer Readable Copy
 - b. ☒ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above
copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503) (Two)
(should be specifically itemized)
14. ☒ *Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /

Prior Application Information: Examiner: Group/Art Unit:

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label or ☒ Correspondence address below
(Insert Customer No. or Attach bar code label here)

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Name (Print/Type)	Albert P. Halluin			Registration No. (Attorney/Agent)	25,227
Signature	<i>Albert P. Halluin</i>			Date	May 22, 1998

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

14/1998 MPEOPLES 00000074 083038 09084471

201		395.00 OP
203		561.00 OP
202		1066.00 OP
204	81.00 CH	54.00 OP